

CLAIMS:

1. Viewing system comprising display means and an imaging system connected to the display means,

the display means being arranged to display an image based on signals received from the imaging system,

5 the spatial orientation of the display means being adjustable and

the imaging system comprising orientation adjusting means arranged to adjust the viewing orientation of the imaging system,

characterized in that

10 the viewing system further comprises sensor means for detecting adjustments in the orientation of the display means, the sensor means being connected to the orientation adjustment means and

the orientation adjusting means being arranged to adjust the viewing orientation of the imaging system based on signals received from the sensor means.

15 2. Viewing system according to claim 1, characterized in that imaging system comprises one or more cameras positioned in a vehicle chosen from the group of: rear-view camera; interior camera; tire camera; blind angle camera.

3. Viewing system according to claim 1, characterized in that the imaging system
20 comprises image processing means arranged to process the registered image.

4. Viewing system according to claim 3, characterized in that the image processing means are arranged to process additional information concerning the status of the vehicle or its surroundings for display on the display means.

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5. Viewing system according to claim 3, characterized in that the image processing means are arranged to display one or more images at the same time or one after the other on the display means.

6. Viewing system according to claim 4, characterized in that the viewing system further comprises selection means connected to the image processing means to select which image and/or which additional information is displayed by the display means.

5 7. Viewing system according to claim 1, in which the display means are positioned as a rear-view mirror in a vehicle.

8. Viewing system according to claim 1, in which the display means are adjustable in a tilt and a pan direction.

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9. Viewing system according to claim 1, in which the image processing means are arranged to eliminate high lights in the registered image.